

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/JP2005/014148

## A. CLASSIFICATION OF SUBJECT MATTER

B60L11/18 B60K6/04

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

B60L B60K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, INSPEC, COMPENDEX

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	CA 2 253 691 C (DUBOIS, JEAN-MARIE) 9 June 1999 (1999-06-09) page 6, line 19 - page 9, line 4; figure 1 abstract -----	1-14
A	EP 0 916 546 A (TOYOTA JIDOSHA KABUSHIKI KAISHA) 19 May 1999 (1999-05-19) column 6, line 17 - column 7, line 47; figures 1-4 abstract -----	1-14
A	PATENT ABSTRACTS OF JAPAN vol. 2003, no. 08, 6 August 2003 (2003-08-06) & JP 2003 112539 A (NISSAN MOTOR CO LTD), 15 April 2003 (2003-04-15) abstract ----- -/--	1-14

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

\*A\* document defining the general state of the art which is not considered to be of particular relevance

\*E\* earlier document but published on or after the international filing date

\*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

\*O\* document referring to an oral disclosure, use, exhibition or other means

\*P\* document published prior to the international filing date but later than the priority date claimed

\*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

\*&amp;\* document member of the same patent family

Date of the actual completion of the international search

2 December 2005

Date of mailing of the international search report

12/12/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax (+31-70) 340-3016

Authorized officer

Bronold, H

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/JP2005/014148

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>TERATANI T ET AL: "Development of Toyota mild hybrid system (THS-M) with 42V powernet"</p> <p>ELECTRIC MACHINES AND DRIVES CONFERENCE, 2003. IEMDC'03. IEEE INTERNATIONAL JUNE 1-4, 2003, PISCATAWAY, NJ, USA,IEEE, vol. 1, 1 June 2003 (2003-06-01), pages 3-10, XP010644397</p> <p>ISBN: 0-7803-7817-2</p> <p>page 5; table 2</p> <p>-----</p>	1-14

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/JP2005/014148

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
CA 2253691	C	26-07-2005	CA 2253691 A1 US 5986416 A	09-06-1999 16-11-1999
EP 0916546	A	19-05-1999	CA 2244028 A1 DE 69831049 D1 US 6048288 A	18-05-1999 08-09-2005 11-04-2000
JP 2003112539	A	15-04-2003	NONE	